THE TECH

VOL. XXIX. NO. 124. BOSTON, MASS., FRIDAY, MARCH 25, 1910 PRICE ONE CENT

FITZWATER DECLINES CLASS DAY COMMITTEE

Election Of Marshals Will Be Held By Ballot Until Next Thursday

F. F. BELL	77
K. D. FERNSTROM	70
A. A. GOULD	68
P. D. TERRY	62
M. W. TILDEN	62
B. REYNOLDS	57
J. AVERY, JR.	56
C. C. HIELD	54
J. S. SNEDDON	53
H. LOCKETT	51
H. S. CLEVERDON	44
W. J. O'HEARN	44
F. A. HURLEY	4
H. C. MANSON	41
M. S. CHAPIN	40
R. S. BREYER	39
E. STUART	38
C. F. DOBLE	37
D. V. WILLIAMSON	35
W. M. SCHOFIELD	35
N. S. SEELEY	31
P. W. BURNHAM	33
F. A. DEWEY	32
C. C. WEBB	29

Although elected by the highest vote to the Senior Class Day Committee, John M. Fitzwater has declined to take the office. Fitzwater notified the president, R. F. Goodwin, to this effect, upon hearing of his election last night.

The total vote cast was 108, of which 95 went to one man. The three highest in this election are not the marshals of the class as the general opinion at present seems to indicate. Next Monday ballots containing the names of these twenty-four will be mailed to each member of the class. Three men will be voted for, and the three standing highest will be hte marshals.

The men whose votes were over twenty, bnt who did not make the committee ar: D. Clapp and W. B. Hargraves 28, Gorton James 25, J. W. Northrop, Jr., 24, P. T. Harris, E. M. Potter, A. P. Truette, and B. S. Wolgemuth 23, W. R. Waldo 21.

PENN. CLUB HOLDS DINNER

Dr. Sharp Relates Artic Trip Of Peary In 1891

The Pennsylvania State Club convened last evening in the Union, and after participating in an informal dinner, listened to Dr. Sharp of Brookline who related an account of a trip to the North with Peary in 1891. This Arctic Expedition was financed by the Academy of Natural Sciences in Philadelphia. Dr. Sharp was at that time director of the instituion, and before him Peary laid his plans. It was Peary's intention to land in North Greenland and determine whether Greenland was ac ontinent or not.

The expedition started from Brooklyn in the spring of 1891. The vessel, "The Kite," was a three-masted schooner, built of strong oak timbers, especially designed to withstand concussions from ice floes. The crow's nest at the top of the fore mast was in the form of a large cask. In this nest was the director of the ship stationed whenever the vessel was in a precarious condition, and he directed the pilot below him as to the course to pursue.

At Sydney the "Kite" coaled to the

(Continued on page 2.)

HARE AND HOUNDS AT WAKEFIELD TOMORROW

Third Run Of Season Over New Course---Fast And Slow Squads

The third Hare and Hounds run is at Wakefield. The train leaves North Station at 2.14 and the round trip fare is 30 cents.

Captain Watkins laid out the course which runs about seven miles, starting from the Y. M. C. A. Almost the entire length is over good turf and meadow land, with only one stiff hill. There are no fences to raise havoc with the runners' scanty clothing, and almost no hard macadam.

Coach Kanaly and others who have been over this new course pronounce it excellent, and much like the Princeton course. For this reason, it has been suggested that the training for the Intercollegiates be done here.

The men will have the use of the showers at the Y. M. C. A. and they will undoubtedly appreciate them fully with the vivid remembrance of that icy thread of super?cooled tap juice which greeted them at Needham last Saturday after the run.

The train service is also more satisfactory, although leaving from the North Station is less convenient for many.

Two squads will be run, provided enough fellows show up. This will be the first time this season that the men have been divided, but it must be done scon in order not to hamper the team candidates by adjusting their pace to that of the slow men.

The finish is mostly on macadamized road, although the last six hundred yards is over grass. As usual the race-in starts one-half mile from the finish.

Coach Kanaly was expected to go on this run, but he was prevented by a slight injury to his foot. Since track work will soon take up his entire time, he may not be able to go on any of the runs this spring.

LECTURE BEFORE CHEM. DEPT.

Dr. Whitney Describes Investigation On Incandescent Lamps

Researches conected with the incandescent lamp were discussed yesterday by Dr. Whitney as an example of scientific investigation along some specialized line of work. He told how one factory-manager complained that he could not get any research men to work with the incandescent lamp because they considered it of not sufficient interest; merely a glass bulb with a vacuum and a filament; the whole thing completely determined and nothing left to find out. However, far from being true, this old point of view is exactly oposed to the actual facts. Years of research have not more than "scratched the back" of the subject of the carbon filament alone. Innumerable physical and chemical problems connected with the incandescent lamp are awaiting solution.

After the invention of the carbon lamp, the first subject to come up for investigation was the cause of deterioration, and the effect of varying conditions on the rapidity of this wearing out. It was found that the primary cause of the decrease in efficiency of the lamp was the blackening observed on the bulbs. On investigating the cause of this blackening, it was found to be due

(Continued on page 2.)

E. E. SOCIETY HEARS PROMINENT ENGINEER

P. N. Nunn Speaks At Complementary Dinner Given By Prof. Jackson

Last night the Electrical Engineering Society enjoyed a dinner at the Union at the invitation of Professor Dugald C. Jackson. There were seventy-five men present. Announcement was made at the dinner that all nominations for offices in the society must be handed in within two weeks. The committee in charge of these nominations will soon be appointed by the chair. The next meeting of the society will be held next Tuesday and will be open to all Institute men. At this time Professor H. W. Smith will give an illustrated talk on his recent trip to the South Sea Islands.

G. W. Rae 1910 introduced as the first speaker of the evening Prof. Jackson, who emphasized the impreative need of thorough mastery of the ground work of engineering. The more specialized work is not so essential and should not be allowed to distract the student's attention from the fundamental studies.

The main speaker of the evening was Mr. P. N. Nunn, the engineer and designer of the first high tension transmission line in the country and now chief engineer of the Ontario Power Company at Niagara.

Mr. Nunn said that, in all his experience with Tech men, he had never yet had one who had failed. However, as the men came from the Institute they were unfamiliar with certain appliances used in most business firms. For instance, one man did not know the use of a time book; another had never before seen a vertical file drawer. In the proper keeping of records, the Institute man passes through three stages. First he gives his results verbally, then by calculation, and last graphically. Graphic methods are very useful and helpful in many cases.

There are two methods of acquiring knowledge; by theory and by practice. The man in engineering practice is apt to do things merely from habit; the college man is apt to be a trifle slow in seeing the application of his theories Engineering work is apt to be narrowing in its effect, and the student should always strive to maintain a broad viewpoint. The knack of writing letters is very rare among engineers. It is seldom that manuscript is found really well written. Their letters are not illiterate, but sloppy and vague. An aim of the engineer should be the proper use of specific words conveying but a single idea.

It should be the desire of all engineers to differentiate themeslves from their fellow-workers. Their ideals should be their hobby. A man is remembered not so much for his head as for his heart.

Mr. Nunn was unanimously elected an honorary members of the Electrical Engineering Society.

ARCH. SOCIETY SMOKER

Last night (March 24) the M. I. T. Architectural Society gave an informal smoker, to which all of the Tech Alumni of Course IV who live in or near Boston have been invited. Some of the most important architects of Boston were invited and many of them accepted. The meeting was a great success, and the men who attended had a most pleasant time. The smoker lasted from eight until about ten thirty.

SOPHOMORES NOT SUPPORTING BASEBALL

Several Promising New Men But Last Year's Team Do Not Report

After a week of active practice at the Field, only four or five of last year's team have reported for Sophomore baseball. This is particularly discouraging in view of the fact that the freshmen have a large squad of promising candidates, including several former high-school stars. The quarter part of last year's men are still in the Institute, but they seem to have lost interest in their class. The management urge all these men to come out at once since there remains but ten days before the first game of the season with Volkmann at Allston on Tuesday, April 5.

A number of new men are coming out regularly, and several of these are likely to make the old men work hard for their places.

The team is fortunate in securing the services of Mr. A. J. O'Connor, of the New Bedford nine, as coach. Mr. O'Connor is a player of reputation and is working hard to bring the squad into shape for the three games with the freshmen. New bags have been bought and the diamond at the Field has been greatly improved, and will be rolled soon. Practice is held on Mondays, Wednesdays, and Saturdays at the Field between three and six o'clock. The greatest efforts have been directed toward the improvement of batting and the team promises some strong stick work later in the season.

Allen and Sloan of last years team are showing good form in the box. Other twirlers are Hopkins, Sage, Bird, Pruyn and Jones. Jones played on Yale's college team last year.

Zehind the bat, Captain Taylor is receiving the ball in excellent shape, holding all the swift ones with ease. Whittlesey, another probable candidate for the backstop position has not yet reported.

On the first bag are Lawler and Forrester. Torrey who held down this cushion last year is expected to come out in a few days.

The following list includes the candidates who have already reported, or are expected to report shortly:

Batting candidates:—V. W. Allen, J. I Taylor, M. W. Hopkins, B. V. Reeves, V. G. Sloan, W. C. Bird, C. C. Jones, N. M. Sage, and K. Pruyn.

Infield candidates:—R. C. Foster, E. M. Tolman, G. B. Forrester, W. J. Maguire, F. T. McAvoy, B. Torrey, A. Eicher, H. O. Maxwell, and T. B. Lawler.

Outfield candidates:—H. Coulson, R. B. Stone, B. V. Reeves, M. W. Hopkins, and V. W. Allen.

CALENDAR.

Friday. March 25.
1.00—Tech Board meeting.
4.00—Crew Practice.
4.15—Gym. Team Practice.
8.00—Union Entertainment.
Mr. Gettemy, Director of the Census.

Saturday, Harch 26.
2.14—Hare and Hounds at North Station for Wakefield.
2.30—Combined Show Rehearsal.
3.00—Crew Practice.
3.00—1912 Baseball practice.

Monday, March 28.
3.00—1912 Baseball at Tech Field.
4.00—Crew practice.
5.00—News Board meeting.
Musical Clubs in Peabody.
Tuesday, March 29.
4.00—Crew practice.

THE TECH

Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 29, 1909, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

R. H. Ranger 1911 .....Gen. Mgr.

News Board.

A. L. Fabens 1910 .....Editor-in-Chief
L. Rosenstein 1910 .....Inst. Editor
G. M. Keith 1912 .....Society Editor
E. B. Moore 1912 .....Gen. News Editor
L. G. Fitzherbert 1911 ..Athletic Editor

Business Board.

D. N. Frazier 1911 .....Business Mgr.
H. Merrill 1912 .....Adv. Mgr.
A. W. Yereance 1911 ..Circulation Mgr.

Office 42 Trinity Place.
Telephone, Back Bay 2184.

All communications should be addressed to the proper departments.

Subscriptions $1.50 per year in advance. Single copies 1 cent.

Subscriptions within the Boston Postal District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Puritan Linotype, Boston, Mass.

BOSTON, MASS., MARCH 25, 1910.

It is interesting to note a characteristic that was brought to light recently by the "wise" persons who, exhibiing great foresight, turned up their noses at the little grey boxes that were being distributed. Ah, no! they couldr not be caught by any little sell as that.

A little later, those same gentlemen might have been seen sheepishly returning to discover what kind of a game it really was.

THEY'RE ON THE RUN.

Have you noticed how few Techs are lying about since the FREE Technique 1911 contest was started. Everybody is saving them. The coupon is printed daily in the second page and the man handing in the greatest number on or before April 13 will be presented with a Technique 1911 free of aberge. Start saving today. You may be the man to receive the book.

PENN. CLUB HOLDS DINNER

(Continued from page 1.)

bulwarks. The course of the voyage lay through the Strait of Bell Isle to Cape Desolation, thence by way of Drisko and Nyernavick to Cape York. Capt. Pike had charge of the vessel, and among the members of the journey were Mat Henson, the negro companion of Commander Peary (then a Lieutenant) in his discovery of the Pole, and Dr. Cook. An exhibition of Peary's bravery and grit was occasioned during this voyage, for having broken his leg, he refused to quit his explorations at the departure of his party, but remained all one winter with his maimed limb to proceed anew his discoveries.

The Eskimos encountered in the southern parts of Greenland are not typical Eskimos, but half-breeds. They are a clean, well built, strong and healthy race. The women dress typically of thei rrace, but the men for the most part wear Danish costumes. A hat resembling a dice box signifies by its color whether a woman is single or married. The typical Eskimos inhabit the northern portions of Greenland. They occupy the region extending from Cape York to the Humboldt Glazier (a glazier with a sixty mile frontage) and the maximum breadth of the tract they inhabit is about four miles. They never exceed these limits, in fact, they used to believe that they were the only race on earth. The igloos of these beings are dome-shaped, constructed by layers of stone filled in by soil, thus making them air tight. A temperature of ninety degrees has been recorded in one of these igloos, but Dr. Sharp says that the weight of the smell was not taken into account. The southern Eskimos live in earthen huts which are entered by means of a tunnel of sod and stone. The dogs make use of the tunnels in the cold weather for their abode.

Greenland is rich in plateaus and glaziers. The glaziers, when they reach the sea, are buoyed up by the water and drift around as icebergs. They often contain small lakes of fresh water, which has accumulated into the hollows as the iceberg meldts. These, together with melted snow, form a continuous water supply. There exists no coal in Greenland; mines of lignite are fairly abundant, but it is useless for fuel.

It is interesting to note that after Dr. Sharp crossed the Arctic Circle, the sun did not set for 1,008 hours. Many of the views illustrating his lecture were taken at midnight, while to us Bostonians the time of day would seem to be four o'clock. We scarcely realize the wonders of the Arctic zone until we converse freely with a genuine explorer.

LECTURE BEFORE CHEM. DEPT.

(Continued from page 1.)

to the fact that a very small amount of oxygen in the bulb, or of metallic oxides in the filament would form carbon monoxide at the high temperature of the filament, and this gas would deposit carbon and go over into carbon-dioxide on coming in contact with the comparatively cool interior of the bulb. The way to prevent the blackening was logically to remove all oxygen, either in the form of metallic oxides or of gas. The removal of all the ash impurities from the cellulose of which the filaments are made was a problem of exceedingly great difficulty. Finally it was found that these metallic oxides could be volatilized at the temperature of the electric arc. When this was tried it was found that the high temperature not only removed the impurities, but also graphitized the filaments. They became coated with a layer of graphite, and their resistance became much lower while their efficiency and life became greater. Here then was an unforeseen, and, in a measure, an accidental discovery which later proved of enormous value. Dr. Whitney stated that the carbon filament will probably be the filament of the future.

The atempts to remove the last traces of oxygen and water vapor from the electric light bulbs by driving phosphorous vapors into them, also led to entirely unforeseen and very interesting results. The behavior of the phosphorus vapor showed that the space about the glowing filament was ionized, and that this condition caused the gases, water-vapor, and the phosphorus to be shot into the walls of the bulb. Here they are held very firmly and thus the vacuum in the bulb is improved far beyond the capacity of any pump.

Experiments are now going on to determine the extent to which glass will hold gases and water absorbed upon its surface. In the laboratories of the General Electric Co. numerous researches on the leakage currents from the filaments, their effect on the life and efficiency of lamps, are in progress.

Today at 4.15 Dr. Whitney will speak on "The Electric Furnace."

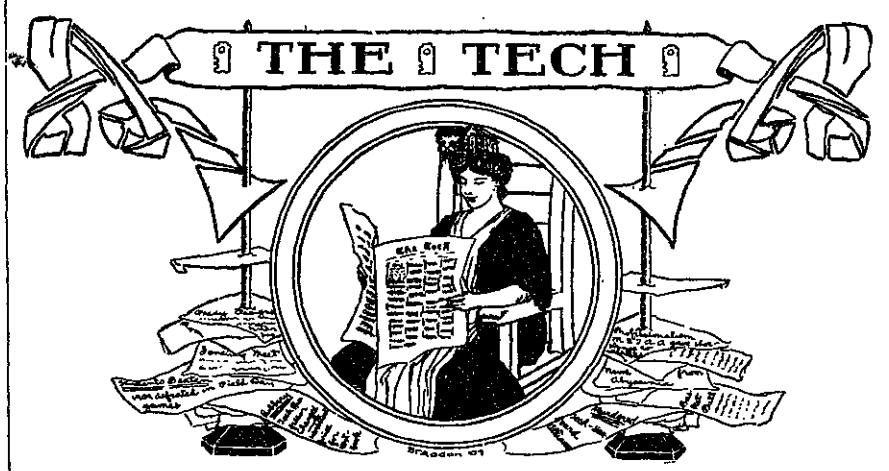
PINKOS
COLLEGE TAILOR

9 STATE STREET — BOSTON
HARVARD SQUARE — CAMBRIDGE

TEN PER CENT. DISCOUNT TO ALL TECH MEN
COME TO 9 STATE STREET TODAY AFTER SHOP WORK
OPEN TILL SIX

L. PINKOS

If more convenient for you my representative will call at your room with complete line of samples



COMPETITION FOR A COPY OF TECHNIQUE 1911

The man handing in the greatest number of these coupons by April 13 will receive a copy of TECHNIQUE 1911

Name .....

No man connected with The Tech may compete

PRESCRIPTIONS
OUR SPECIALTY

C. P. Acids, Chemicals and Laboratory Supplies. Cigars, Soda and Toilet Requisites. Tech Stationery, 25 cents per pound.

THEODORE METCALF CO.
Apothecaries,
535 Boylston St., Copley Sq.
Wholesale & Laboratory:
141 Franklin St., cor. Federal

You may see
FOWNES
GLOVES
on the man who doesn't know what's what—
you're SURE to see them
on the man who does know.

CHAMBERLAIN

Hats and Cravats

TECH MEN, COLLEGE MEN and most Good Dressers go to Chamberlain's

Shirts and Gloves

For Spring

Beaconsfield Derbys . . . $3.00
Royal-Luxury Derbys . . . $4.00
Revelation Derbys $2.00

These brands sold only at Chamberlain stores.

637 Washington Street
Cor. Boylston

659 Washington Street
Under the Gaiety Theatre

SAVES TIME
TO BUY OR SELL
THE
BOSTON
GARTER
KNOWN TO EVERYBODY
WORN ALL OVER THE WORLD
MADE WITH Velvet Grip CUSHION RUBBER BUTTON CLASP
OF ANY DEALER, ANYWHERE
or Sample Pr., Cotton, 25., Silk, 50c.
Mailed on Receipt of Price
GEORGE FROST CO.
MAKERS, BOSTON
OVER 30 YEARS THE STANDARD
ALWAYS EASY

GLEE CLUB AT BANQUET

Paul Revere Hall was the scene of a monster banquet of the New England Hardware Association last night, at which the Technology musical clubs held sway during pauses in the dining service.

It was a difficult matter for the clubs to do justice to themselves as the platform was not available for their selections, and the only room was on the main flr. However, the musical program was well received.

Before the banquet began, the clubs led in "America," in which all joined.

The Glee sang "Cardinal and Grey," and to a hearty encore responded with "Take Me Back to Tech." The Mandolin Club then played the "Yankee Dandy," and later selections from the "Pied Piper." The "hit" of the evening was a most appropriate song, "Bill of Fare," which cheered not only the merchants, but went some some distance in making a few Tech sons forget their last meal.

To give all present a chance to test their voices, the president of the association sang a popular verse and all helped in the chorus. Several more popular airs were sung, and the Mandolin Club concluded the program, as far as music was concerned, by playing the "Meteor March," by Rice.

GENERAL NEWS

TELEGRAPH NEWS OF THE MORNING.

WEATHER REPORT.

Fair and warmer Friday; moderate to brisk southwest to west winds.

Rome, March 25.—Reports from Catania say that the eruptions from Mt. Aetna are increasing in fury and that lava is nearing the villagers. The inhabitants in a panic are fleeing. Four new mouths in the mountain side have opened, and the fiery fluid is invading the cultivated lands. The town of Nicoloci is said to be in imminent peril of being destroyed.

The floods continue in Calabria and elsewhere in southern Italy. The rivers have overflowed their banks, several towns have been cut off from communication with the outside world, the railways are interrupted and considerable damage has been done to private property.

Seven violent earth shocks of volcanic crigin have occurred at Mileto, province of Catanzaro. Similar shocks were felt at Messina.

Prof. Ricco of the Mt. Aetna observatory telegraphed that throughout the night and early this morning more than twenty slight shocks had been felt with increasing intensity on the slopes of the volcano.

MORSE & HENDERSON
TAILORS
18 BOYLSTON STREET, - - - BOSTON
Tel. Oxford 99 Rooms 14-15.
THE LATEST NOVELTIES FOR SPRING AND SUMMER FOR COLLEGE MEN.

W. H. SMART
REPRESENTING THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK
The Mutual Life Building
Milk Street Boston

FATIMA TURKISH BLEND CIGARETTES
20 for 15 cts.

TRACK events. Splendid day. Air invigorating. Pretty girls. Well-dressed men. Everything in tune. And---Fatima Cigarettes.

A blend of fine Turkish tobacco. Their taste is mild and mellow.

Made of perfectly mellowed tobacco, and there are twenty exquisite smokes in each package.

THE AMERICAN TOBACCO CO.

HUNTINGTON FLORISTS
Floral Designers and Decorators
SPECIAL PREPARATIONS FOR JUNIOR PROM.
22 HUNTINGTON AVENUE Opposite Hotel Nottingham
Tel. B. B. 3752-1 BOSTON, MASS.

WANTED—A RIDER AGENT IN EACH TOWN and district to ride and exhibit a sample Latest Model "Ranger" bicycle furnished by us. Our agents everywhere are making money fast. *Write for full particulars and special offer at once.*

NO MONEY REQUIRED until you receive and approve of your bicycle. We ship to anyone, anywhere in the U. S. *without a cent deposit* in advance, *prepay freight*, and allow **TEN DAYS' FREE TRIAL** during which time you may ride the bicycle and put it to any test you wish. If you are then not perfectly satisfied or do not wish to keep the bicycle ship it back to us at our expense and *you will not be out one cent.*

FACTORY PRICES We furnish the highest grade bicycles it is possible to make at one small profit above actual factory cost. You save $10 to $25 middlemen's profits by buying direct of us and have the manufacturer's guarantee behind your bicycle. **DO NOT BUY** a bicycle or a pair of tires from *anyone* at *any price* until you receive our catalogues and learn our unheard of *factory prices* and *remarkable special offers* to **rider agents.**

YOU WILL BE ASTONISHED when you receive our beautiful catalogue and study our superb models at the *wonderfully low prices* we can make you this year. We sell the highest grade bicycles for less money than any other factory. We are satisfied with $1.00 profit above factory cost.

BICYCLE DEALERS, you can sell our bicycles under your own name plate at double our prices. Orders filled the day received.

SECOND HAND BICYCLES. We do not regularly handle second hand bicycles, but usually have a number on hand taken in trade by our Chicago retail stores. These we clear out promptly at prices ranging from $3 to $8 or $10. Descriptive bargain lists mailed free.

COASTER-BRAKES, single wheels, imported roller chains and pedals, parts, repairs and equipment of all kinds at *half the usual retail prices.*

$8.50 HEDGETHORN PUNCTURE-PROOF SELF-HEALING TIRES $4.80 A SAMPLE PAIR TO INTRODUCE, ONLY

The regular retail price of these tires is $8.50 per pair, but to introduce we will sell you a sample pair for $4.80 (cash with order $4.55).

NO MORE TROUBLE FROM PUNCTURES

NAILS, Tacks or Glass will not let the air out. Sixty thousand pairs sold last year. Over two hundred thousand pairs now in use.

DESCRIPTION: Made in all sizes. It is lively and easy riding, very durable and lined inside with a special quality of rubber, which never becomes porous and which closes up small punctures without allowing the air to escape. We have hundreds of letters from satisfied customers stating that their tires have only been pumped up once or twice in a whole season. They weigh no more than an ordinary tire, the puncture resisting qualities being given by several layers of thin, specially prepared fabric on the tread. The regular price of these tires is $8.50 per pair, but for advertising purposes we are making a special factory price to the rider of only $4.80 per pair. All orders shipped same day letter is received. We ship C. O. D. on approval. You do not pay a cent until you have examined and found them strictly as represented.

Notice the thick rubber tread "A" and puncture strips "B" and "D," also rim strip "H" to prevent rim cutting. This tire will outlast any other make—SOFT, ELASTIC and EASY RIDING.

We will allow a **cash discount** of 5 per cent (thereby making the price $4.55 per pair) if you send **FULL CASH WITH ORDER** and enclose this advertisement. You run no risk in sending us an order as the tires may be returned at **OUR** expense if for any reason they are not satisfactory on examination. We are perfectly reliable and money sent to us is as safe as in a bank. If you order a pair of these tires, you will find that they will ride easier, run faster, wear better, last longer and look finer than any tire you have ever used or seen at any price. We know that you will be so well pleased that when you want a bicycle you will give us your order. We want you to send us a trial order at once, hence this remarkable tire offer.

IF YOU NEED TIRES don't buy any kind at any price until you send for a pair of Hedgethorn Puncture-Proof tires on approval and trial at the special introductory price quoted above; or write for our big Tire and Sundry Catalogue which describes and quotes all makes and kinds of tires at about half the usual prices.

DO NOT WAIT but write us a postal today. **DO NOT THINK OF BUYING** a bicycle or a pair of tires from anyone until you know the new and wonderful offers we are making. It only costs a postal to learn everything. Write it **NOW.**

J. L. MEAD CYCLE COMPANY, CHICAGO, ILL.

Castle Sq. Daily 2 and 8 Tel. Tremont 5
The John Craig Stock Company
MARRIAGE OF KITTY.
Prices 15c., 25c., 50c., 75c.
Down-town Ticket Office, 15 Winter St.

HERRICK TICKETS ALL THEATRES
COPLEY SQUARE
Telephones 2329, 2330 and 2331 BackBay

Hosiers, Glovers and Shirt Makers
Polo, Golf and Tennis Requisites
Washington and Summer Streets, Boston, U.S.A.

GEO. H. ELLIS CO.
Printers
No. 272 CONGRESS STREET
BOSTON, MASS.
Phone' 1549.

J. C. LITTLEFIELD
HIGH CLASS TAILOR

Smart and effective fabrics; the latest texture and the most fashionable shades; prices that are right.
DRESS CLOTHES A SPECIALTY.
12 Beacon Street, Boston

STONE & WEBSTER
CHARLES A. STONE, '88 EDWIN S. WEBSTER, '88
RUSSELL ROBB, '88 ELIOT WADSWORTH HENRY G. BRADLEE, '91
Securities of Public Service Corporations
Under the Management of our Organization
STONE & WEBSTER MANAGEMENT ASSOCIATION
GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS
STONE & WEBSTER ENGINEERING CORPORATION
CONSTRUCTING ENGINEERS

All Goods Required by Students at

Maclachlan's

502 Boylston St.

Drawing Instruments and Materials, etc.
Fountain Pens, Text-Books

Winter Garb

FOR GENTLEMEN

Highest Order of Tailoring, yet Ready to Slip Into.

Suit or Overcoat

Formerly $25 to $50

Now Reduced $18 to $35

FINEST OF FURNISHINGS, ALSO REDUCED

Ely Meyer & M. C. Simon

T. Henry Clarkson, Manager.

WASHINGTON AND FRANKLIN STREETS.

HOTEL CUMBERLAND

Broadway at 54th Street, New York.
Near 50th St. Subway Station and 53d Street Elevated
KEPT BY A COLLEGE MAN

Headquarters for College Men

Special Terms for College Men

New and Fireproof
Rates Reasonable. $2.50 with bath and up. Send for booklet.
HARRY P. STIMSON
Formerly with Hotel Imperial

WE ARE USING EGGS FROM PROF. LELAND'S FARM.

STRICTLY FRESH.

TECH UNION.

Preston's Coffee House

Open All Night.
1036 BOYLSTON STREET, BOSTON
Telephone 2206-1 B. B.

Tel. 1597-1 B.B.

MISS SAWYER

MULTIGRAPHING
TYPEWRITING

486 BOYLSTON ST., Opp. Rogers Bldg.

ROWAN & CURRY

THE TECH BARBERS

Special attention paid to students at M. I. T.

In the New Chauncey Hall Building
585 BOYLSTON STREET
Opp. Copley Square

COLLINS & FAIRBANKS CO.

YOUNG MENS HATS

FOR ALL OCCASIONS

381 Washington St. Boston

Wellesley, March 25.—Figures and statements of the expert accountants which were engaged by the town of Wellesley to examine the books of former Tax Collector Clarence H. Dadman, have been made public by the issuing of various town reports. The shortage of the former collector, who is now awaiting trial on a charge of embezzlement, is given as $7,160.24.

NOTICES

By Vote of the Faculty—The exercises of the Institute will be suspended on Friday, Saturday, Monday and Tuesday, April 15th, 16th, 18th and 19th, 1910..

A. L. MERRILL,
March 18, 1910. Secretary.

SCHOLARSHIPS.

March 21, 1910.

Each applicant for a scholarship (except a State scholarship) for the ensuing year should hand in his application blank at the Registrar's Office, and leave his name before April 4th on a special card enclosed in an envelope, in Professor Dewey's box in the Registrar's Office. (Blanks and cards may be obtained at the Registrar's Office.) Applications dated since January 1st need not be duplicated, but the applicant should notify Profesor Dewey in writing if he desires to apply for a scholarship grant for next year.

With the name *state the class, course and all free hours* for consultation. Each applicant will be notified through the "Cage" in regard to date selected for consultation. Students applying, therefore, should inquire at the "Cage" for mail.

STATE SCHOLARSHIPS.—Applications should be made to the Secretary of the State Board of Education on blanks to be furnished at the State House.

While the State Board of Education has full control of the award of the State scholarships, it is customary to submit all applications to the Faculty for endorsement as to standing, and for such advice as other data in the possession of the Faculty may warant. For this reason, while the Scholarship Committee has no authority to request conference or further information from applicants for State scholarships, it will always be glad to receive and consider all information that may be furnished. In any case, students intending to apply for State scholarships are requested to notify the Registrar to that effect.

WALTER HUMPHREYS,
Registrar.

GRADUATION.

The list of candidates for graduation the present year has been presented to the Faculty, and all persons whose names are on it have been notified individually. The list cannot now be changed except by vote of the Faculty, and any student expecting to be recommended for the degree the present year should consult me if he has not been notified that his name is on the list.

A. L. MERRILL,
Secretary.

GERMAN II, SECTION 18.

The following-named students are transferred from this section to Sections 19, 20, 21 22, and will recite accordingl to Mr. Meister in Room 2; Lowell, on Mondays from 10-11, Wednesdays from 9-10 and Fridays from 2-3: G. A. Cahill, Jr., H. S. Crocker, J. M. Isenberg, F. R. Jones, J. G. Lanning, F. H. Mahoney, M. W. Merrill, F. B. Morton, D. V. Nason, A. J. Pasture, L. W. Parsons.

March 3, 1910.

All men having keys to lockers at the Field are requested to give their names and locker numbers to the care-taker since the list has been lost.

CREW.

ONLY those who report regularly at the Gym. will receive permits to the Union Boat Club.

The Gyroscope lecture, which was announced for Wednesday night in yesterday's Tech, does not take place until next Wednesday, March 30.

1910—Class Meeting Monday, Mar. 28 at 1 P. M. in Huntington Hall.

Senior Portfolio:—Saturday, March 27 is absolutely the last chance for history slips and pictures to be ready for the Portfolio. Anything not ready by this time will be left out of the book. Edition is limited to subscribers. Deposits must be made at once in order to obtain copies.

MERRILL W. TILDEN,
Chairman.

Sophomore baseball practice at Tech field every Monday, Wednesday and Saturday until further notice, from 3 to 6 P. M.

1913.

All men who expect to try for Freshman outdoor track should report from now on at Tech Field for Practice.

Wm. KATZENBERGER, Mgr.

Dress suit in perfect condition for sale. Price $15.00. Will fit a man about five-foot-eight. Inquire R. H. F., The Tech.

Overcoat and watch found in 25A Lowell Building. Please apply at Bursar's Office.

A lady would like anything in the mending line to do at her home. Apply Business Manager.

A YEAR IN COLLEGE

$250 cash or a year in College can be easily earned by one young man or one young lady in each county in the United States. Plan easy and does not interfere with other employment. State name of institution you wish to attend. No money required. For particulars address M. H. Pemberton, Columbia, Mo.

WANTED

100 men to buy trade. See business manager. Important.

TECH STUDENTS
If You Want Pictures or Framing, Call at

Kabatznick's Art Shop

Opposite Rogers
COLLEGE POSTERS FOR STUDENT ROOMS
TECH SOUVENIRS
484 Boylston Street Boston
Telephone 2026-3 B. B.

FLOWERS

For All Occasions at Most Reasonable Prices

J. NEWMAN & SONS CORP'N

24 TREMONT STREET
Special Discount to Tech Students

Rent Automobiles

from the
MOTOR CAR RENTING CO.
Tel. Oxford 2520
Motor Mart Garage, Room 10

Charles Jacobson

Custom Tailor

We also do Naphtha or Steam Cleansing, also Monthly Pressing
111 MASSACHUSETTS AVE.,
NEWBURY BUILDING
Telephone 2161-3 Back Bay

SPRING STYLES NOW READY.

IT'S ALMOST HERE!

ON MONDAY THE SHOW POSTER WILL BE ON SALE AT THE CAGE AND IN THE BUILDINGS. THE BEST EVER.. GET ONE WHILE THEY LAST.

PRICE 25 CENTS

Bijou Dream Theatre

MOTION PICTURES AT THEIR BEST.

MUSIC, VOCAL AND INSTRUMENTAL, CLASSICAL SONGS AND SELECTIONS FROM THE GRAND OPERAS.

THE ONE-ACT PLAY A PART OF EACH WEEKLY PROGRAM.

ALTHOUGH WE SHOW MOTION PICTURES WE DO NOT RUN A "MOVING PICTURE SHOW."

545 WASHINGTON STREET

Open from 9.30 A. M. to 10.30 P. M. Sunday, 7.00 to 10.30 P. M.

TECH SHOW

All men who are in any doubt as to whether they have been denied the right to obtain seats for Tech Show 1910 by application in accordance with the ruling last year should communicate with the management at once in order to be sure of recieving an application blank.